Roll No. ....

PERIPHERAL & INTERFACES

2K5-DS-5

Time : 3 Hrs.   **M.M. : 100**

Note :—

1. Part 'A' may be attempted in first 6 pages of Answer Sheet.

   भाग 'क' के सभी उत्तर, उत्तर-पुस्तिका के प्रथम छः पृष्ठों में ही करने है।

2. Part 'B' in rest of the Sheets of Answer Sheet.

   भाग 'ख' के उत्तर, उत्तर-पुस्तिका के अगले शेष पृष्ठों में लिखिये।

3. Answers may be given in English or Hindi.

   प्रश्नों के उत्तर अंग्रेजी अथवा हिन्दी में दीजिये।

PART - A

1. Attempt any ten questions:-   (10 × 2 = 20)

(a) What is actuators?

(b) Differentiate between impact & non impact printers.

(c) What do you understand by the term peripheral device? Also give examples.

(d) What is Disc Drive formatting?

(e) What are the basic concept of PAL?

(f) List the basic principles of a monitors.

(g) Differentiate between low level formatting & high level formatting.

(h) Define interface. Give examples of few interfaces.

(i) What is resolution & bandwidth of a monitors?

(j) What is Raster scan?

(k) Explain refresh rate.

(l) What is a tape drive?

(m) List any five input devices. Also explain any one of them in brief.

(n) Define monochrome monitor.

2. Attempt any Five questions:-   (5 × 4 = 20)

(a) Explain in details the working principle of laser printer.

(b) What do you understand by sector interleaving? Explain in brief.

(c) Explain the basic concept of NTSC standards.

1/4

(d) What are video display adapters? Explain VGA.

(e) Explain the construction of hard disc.

(f) Explain the working of a digitizer.

(g) Difference between SCSI &EIDE interfaces.

(h) What is partitioning?

PART-B

Attempt any three questions:-

(3 x 20 = 60)

3. (a) Explain the construction & working of a DMP

(b) Explain beiefly the working principle of keyboard & mouse.

4. Explain the working of CD-ROM. Also give in details its construction.

5. (a) What do you undertsand by the term MFM/ Explain in details.

(b) Explain the IDE interface.

6. (a) What are various optical storage media? Explain the working principle of DVD.

(b) Explain the concept of pendrive.

7. (a) List the specifications of Impact & non-Impact printers.

(b) Explain the working principle of color monitor.